

Amendments to the Specification

insert the following
Please ~~replace~~ the paragraph beginning on page 1, line 18 with the following

paragraph:

The Sequence Listing written in file Sequence Listing 2060_0320003.txt, 149,504 bytes, created on May 10, 2004 on two identical copies of compact discs for Application No. 09/894,018, Sette *et al.*, Method and System for Optimizing Minigenes and Peptides Encoded Thereby, is herein incorporated-by-reference.

~~The contents of the following submission on compact discs are incorporated herein by reference in its entirety: A compact disc copy of the Sequence Listing (COPY 1) (file name: 3996320033.txt, date recorded: October 25, 2001, size: 141 KB); a duplicate compact disc copy of Sequence Listing (COPY 2) (file name: 3996320033.txt, date recorded: October 25, 2001, size: 141 KB); a computer readable form copy of the Sequence Listing (CRF COPY) (file name: 3996320033.txt, date recorded: October 25, 2001, size: 141 KB).~~

Please replace the paragraph beginning on page 8, line 27 with the following paragraph:

In another embodiment, the invention provides a method and system for designing a multi-epitope construct that comprises multiple epitopes. The method comprising steps of: (i) sorting the multiple epitopes to minimize the number of junctional epitopes; (ii) introducing a flanking amino acid residue at a C+1 position of an epitope to be included within the multi-epitope construct; (iii) introducing one or more amino acid spacer residues between two epitopes of the multi-epitope construct, wherein

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